FIG 1A

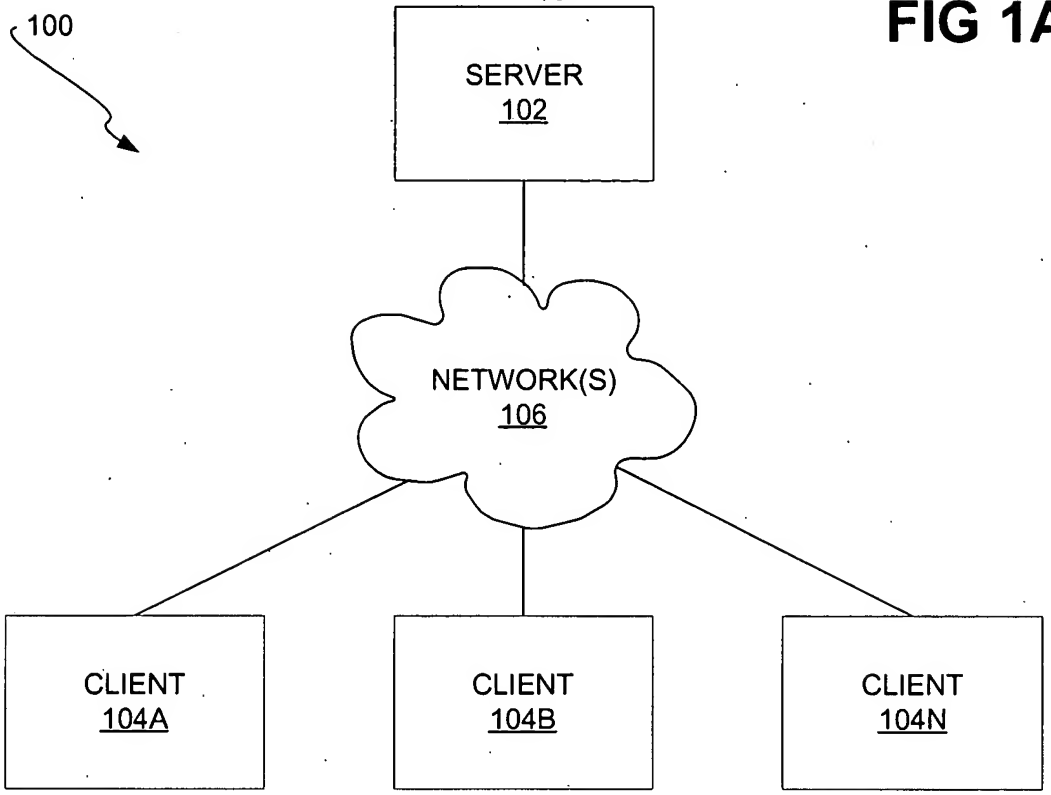

100
SERVER
102
NETWORK(S)
106
CLIENT
104A
CLIENT
104B
CLIENT
104N

FIG 1B

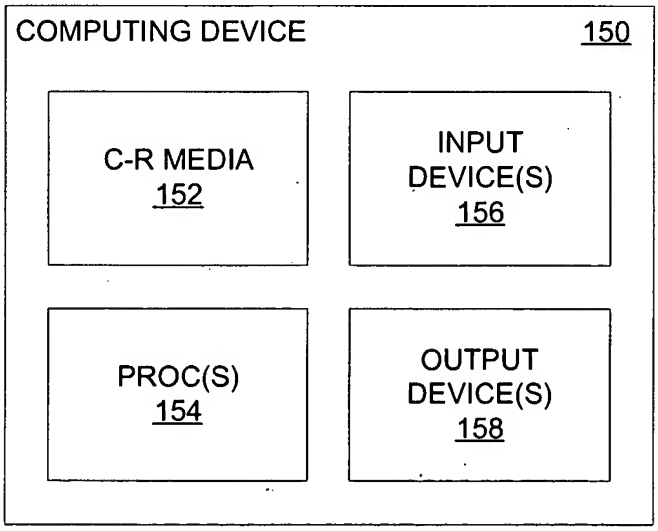

COMPUTING DEVICE
150
C-R MEDIA
152
INPUT
DEVICE(S)
156
PROC(S)
154
OUTPUT
DEVICE(S)
158

FIG 2

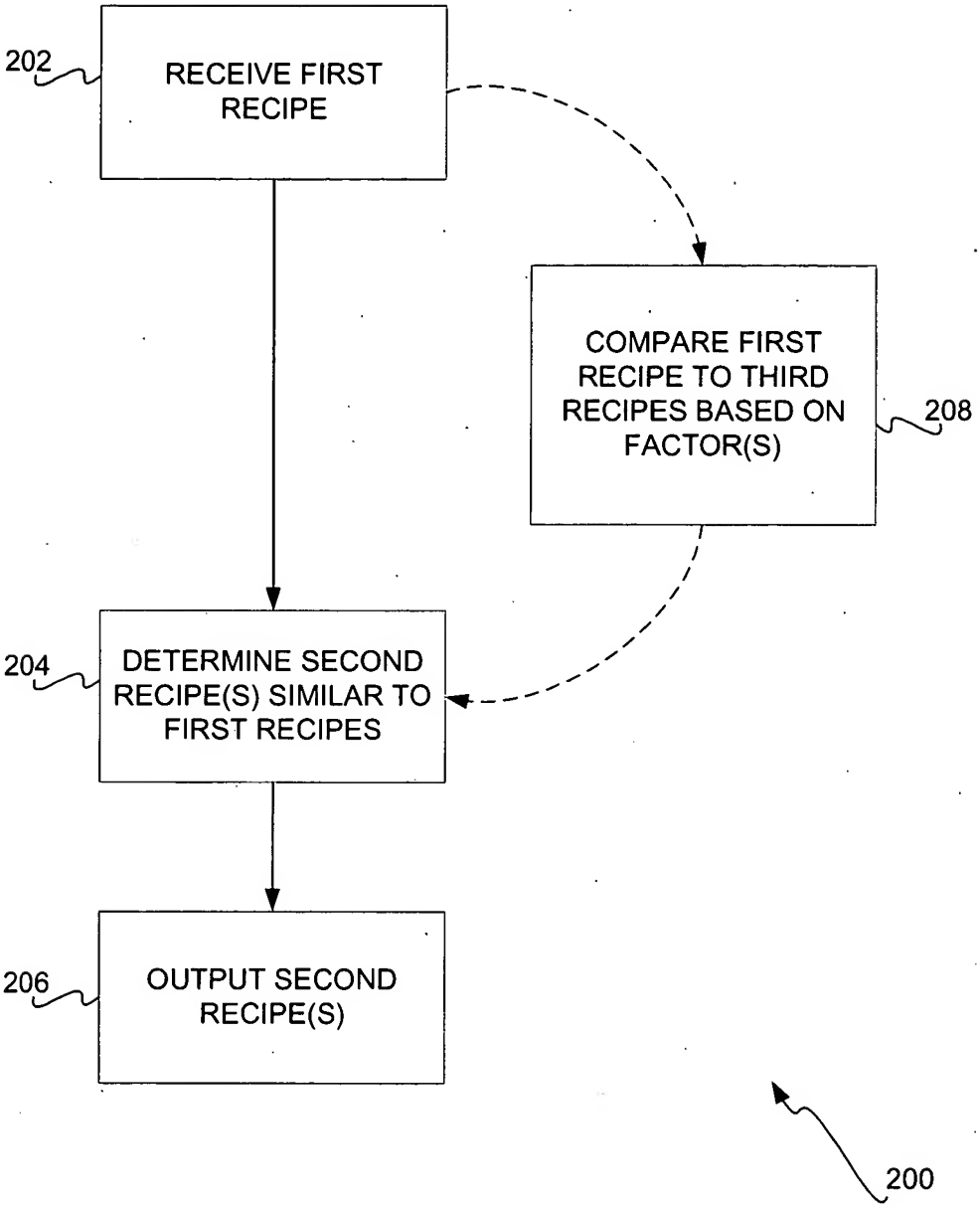

202
RECEIVE FIRST RECIPE
COMPARE FIRST RECIPE TO THIRD RECIPES BASED ON FACTOR(S)
208
204
DETERMINE SECOND RECIPE(S) SIMILAR TO FIRST RECIPES
206
OUTPUT SECOND RECIPE(S)
200

FIG 3

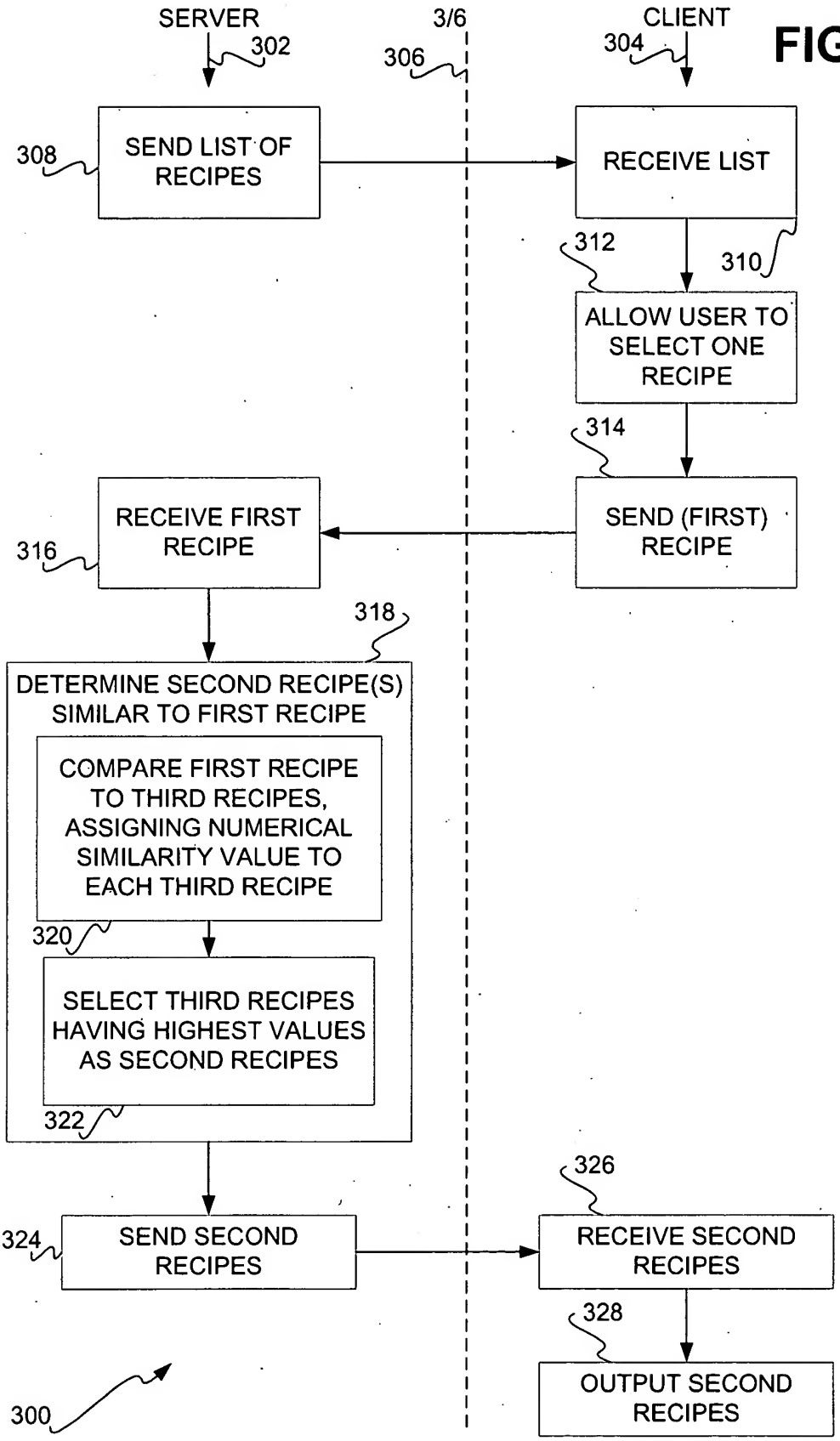

SERVER
302
306
CLIENT
304
308
SEND LIST OF RECIPES
RECEIVE LIST
312
310
ALLOW USER TO SELECT ONE RECIPE
314
RECEIVE FIRST RECIPE
316
SEND (FIRST) RECIPE
318
DETERMINE SECOND RECIPE(S) SIMILAR TO FIRST RECIPE
COMPARE FIRST RECIPE TO THIRD RECIPES, ASSIGNING NUMERICAL SIMILARITY VALUE TO EACH THIRD RECIPE
320
SELECT THIRD RECIPES HAVING HIGHEST VALUES AS SECOND RECIPES
322
326
324
SEND SECOND RECIPES
RECEIVE SECOND RECIPES
328
OUTPUT SECOND RECIPES
300

FIG 4A

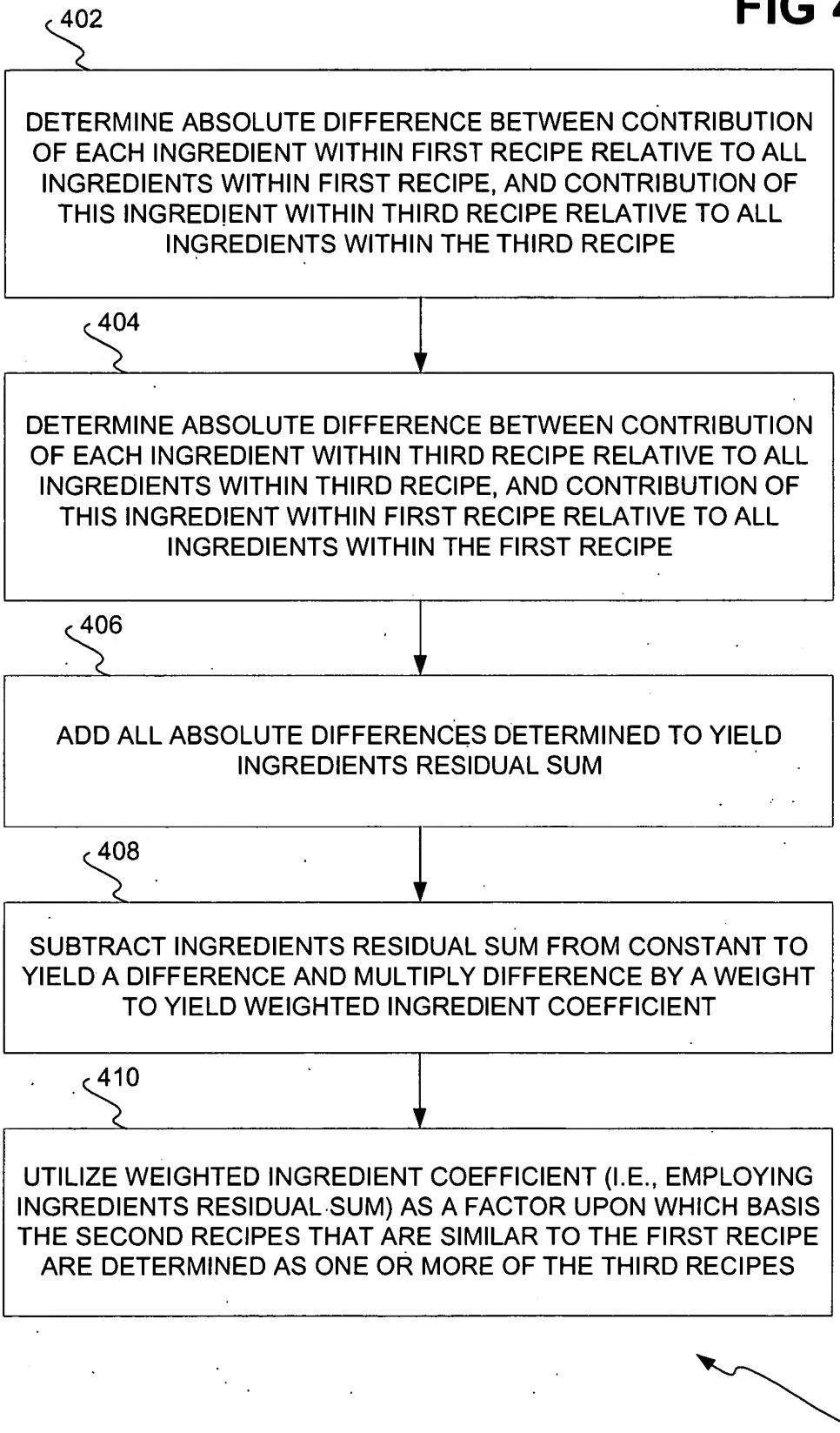

402
DETERMINE ABSOLUTE DIFFERENCE BETWEEN CONTRIBUTION OF EACH INGREDIENT WITHIN FIRST RECIPE RELATIVE TO ALL INGREDIENTS WITHIN FIRST RECIPE, AND CONTRIBUTION OF THIS INGREDIENT WITHIN THIRD RECIPE RELATIVE TO ALL INGREDIENTS WITHIN THE THIRD RECIPE
404
DETERMINE ABSOLUTE DIFFERENCE BETWEEN CONTRIBUTION OF EACH INGREDIENT WITHIN THIRD RECIPE RELATIVE TO ALL INGREDIENTS WITHIN THIRD RECIPE, AND CONTRIBUTION OF THIS INGREDIENT WITHIN FIRST RECIPE RELATIVE TO ALL INGREDIENTS WITHIN THE FIRST RECIPE
406
ADD ALL ABSOLUTE DIFFERENCES DETERMINED TO YIELD INGREDIENTS RESIDUAL SUM
408
SUBTRACT INGREDIENTS RESIDUAL SUM FROM CONSTANT TO YIELD A DIFFERENCE AND MULTIPLY DIFFERENCE BY A WEIGHT TO YIELD WEIGHTED INGREDIENT COEFFICIENT
410
UTILIZE WEIGHTED INGREDIENT COEFFICIENT (I.E., EMPLOYING INGREDIENTS RESIDUAL SUM) AS A FACTOR UPON WHICH BASIS THE SECOND RECIPES THAT ARE SIMILAR TO THE FIRST RECIPE ARE DETERMINED AS ONE OR MORE OF THE THIRD RECIPES
400

FIG 4B

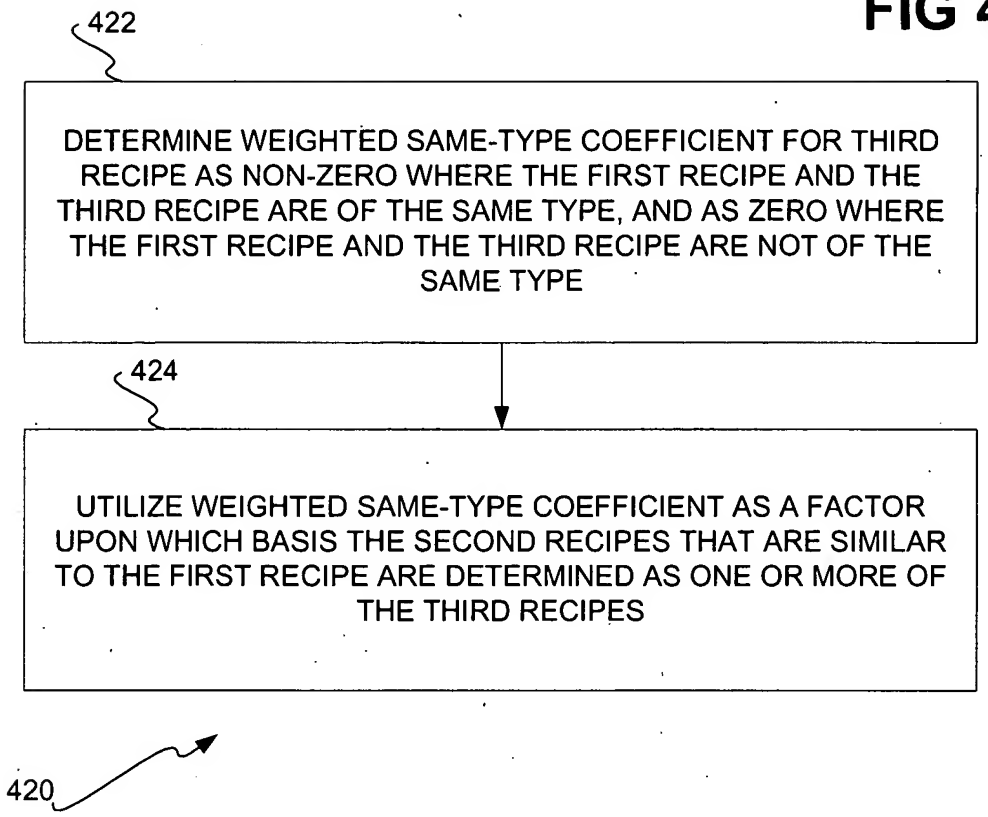

422
DETERMINE WEIGHTED SAME-TYPE COEFFICIENT FOR THIRD RECIPE AS NON-ZERO WHERE THE FIRST RECIPE AND THE THIRD RECIPE ARE OF THE SAME TYPE, AND AS ZERO WHERE THE FIRST RECIPE AND THE THIRD RECIPE ARE NOT OF THE SAME TYPE
424
UTILIZE WEIGHTED SAME-TYPE COEFFICIENT AS A FACTOR UPON WHICH BASIS THE SECOND RECIPES THAT ARE SIMILAR TO THE FIRST RECIPE ARE DETERMINED AS ONE OR MORE OF THE THIRD RECIPES
420

FIG 4C

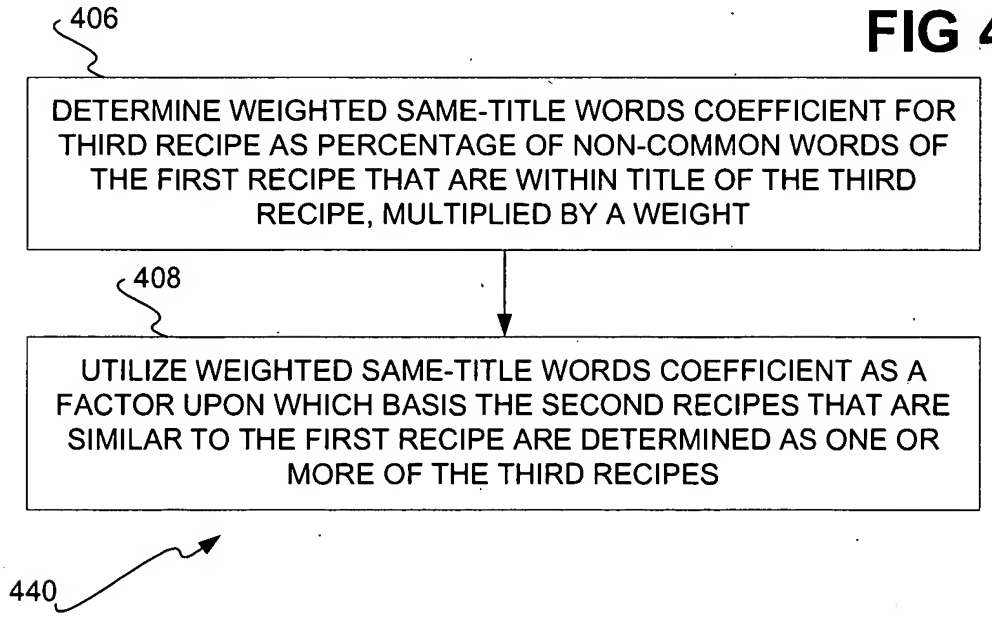

406
DETERMINE WEIGHTED SAME-TITLE WORDS COEFFICIENT FOR THIRD RECIPE AS PERCENTAGE OF NON-COMMON WORDS OF THE FIRST RECIPE THAT ARE WITHIN TITLE OF THE THIRD RECIPE, MULTIPLIED BY A WEIGHT
408
UTILIZE WEIGHTED SAME-TITLE WORDS COEFFICIENT AS A FACTOR UPON WHICH BASIS THE SECOND RECIPES THAT ARE SIMILAR TO THE FIRST RECIPE ARE DETERMINED AS ONE OR MORE OF THE THIRD RECIPES
440

FIG 4D

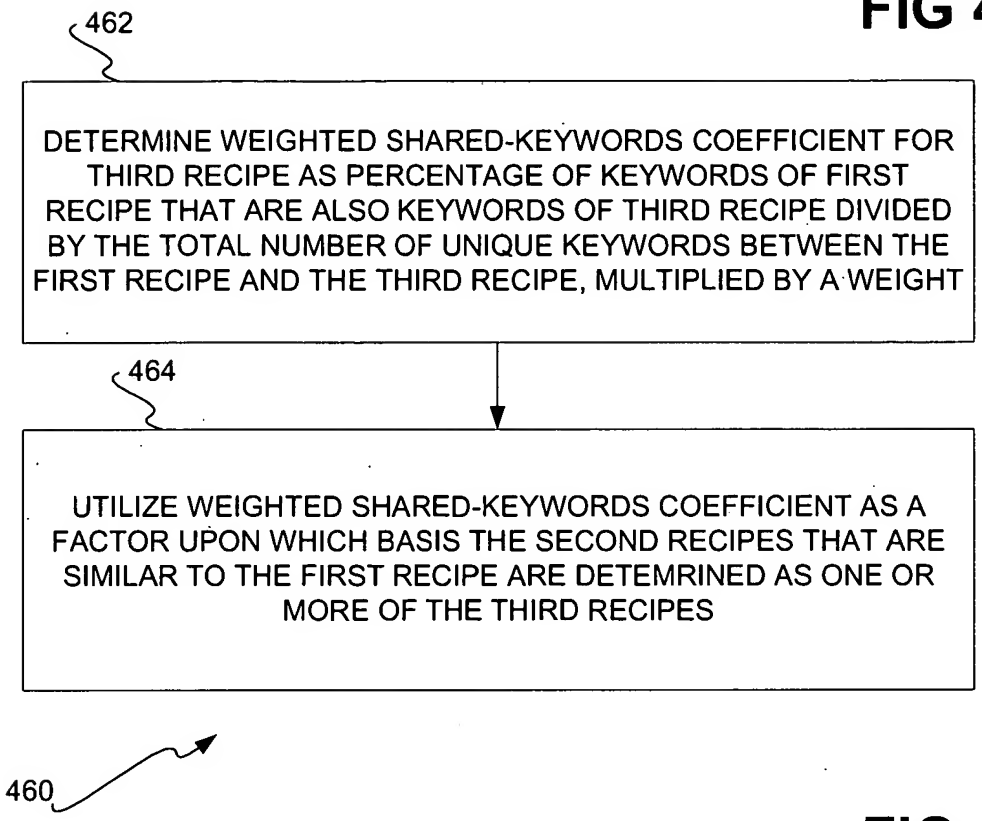
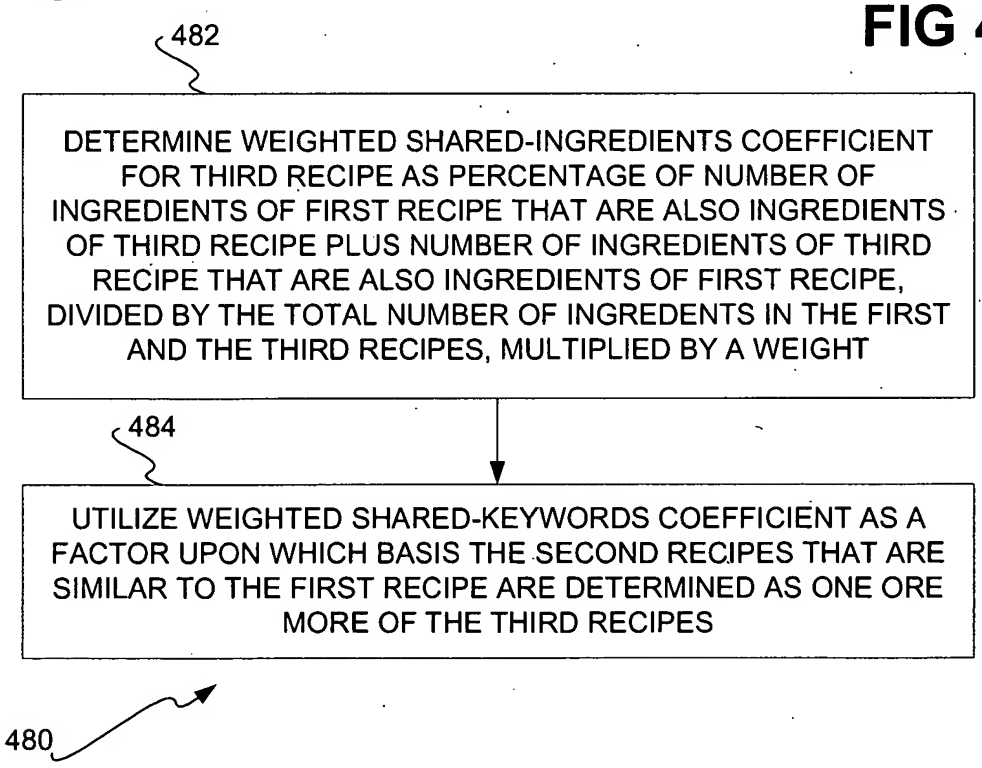

462
DETERMINE WEIGHTED SHARED-KEYWORDS COEFFICIENT FOR THIRD RECIPE AS PERCENTAGE OF KEYWORDS OF FIRST RECIPE THAT ARE ALSO KEYWORDS OF THIRD RECIPE DIVIDED BY THE TOTAL NUMBER OF UNIQUE KEYWORDS BETWEEN THE FIRST RECIPE AND THE THIRD RECIPE, MULTIPLIED BY A WEIGHT
464
UTILIZE WEIGHTED SHARED-KEYWORDS COEFFICIENT AS A FACTOR UPON WHICH BASIS THE SECOND RECIPES THAT ARE SIMILAR TO THE FIRST RECIPE ARE DETEMRINED AS ONE OR MORE OF THE THIRD RECIPES
460

FIG 4E


482
DETERMINE WEIGHTED SHARED-INGREDIENTS COEFFICIENT FOR THIRD RECIPE AS PERCENTAGE OF NUMBER OF INGREDIENTS OF FIRST RECIPE THAT ARE ALSO INGREDIENTS OF THIRD RECIPE PLUS NUMBER OF INGREDIENTS OF THIRD RECIPE THAT ARE ALSO INGREDIENTS OF FIRST RECIPE, DIVIDED BY THE TOTAL NUMBER OF INGREDENTS IN THE FIRST AND THE THIRD RECIPES, MULTIPLIED BY A WEIGHT
484
UTILIZE WEIGHTED SHARED-KEYWORDS COEFFICIENT AS A FACTOR UPON WHICH BASIS THE SECOND RECIPES THAT ARE SIMILAR TO THE FIRST RECIPE ARE DETERMINED AS ONE ORE MORE OF THE THIRD RECIPES
480